



Best Local Similarity 40.0%; Pred. No. 2.7e-14;  
Matches 40; Conservative 14; Mismatches 36; Indels 10; Gaps 3;

OY 2 DCQENYWDQRCVTCORCGPQGLSKDCYGEGBDAYCTACPPRSTKAAGATTNVRV 60  
Db 33 DCSRQDFKDRSGCVLCKQCGPMELSKGCGFGYDQACVPCRPFRFREDMGFOCKRP 92

OY 61 ASPLVLSIVFRFRNCTXTSXAVCG---GXFAQVSNKTR 96  
Db 93 CADCALVNRQRANCSHTSDAYCGDCLPGFY-----RKT 127

RESULT 3

US-09-342-681C-17  
; Sequence 17, Application US/09342681C  
; Patent No. 6355782

GENERAL INFORMATION:

APPLICANT: Zonana et al.

TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins

FILE REFERENCE: 52978

CURRENT APPLICATION NUMBER: US/09/342,681C

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR FILING DATE: 1998-07-09

PRIOR APPLICATION NUMBER: 60/112,366

PRIOR FILING DATE: 1998-12-15

NUMBER OF SEQ ID NOS: 123

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 17

LENGTH: 448

TYPE: PRT

ORGANISM: Homo sapiens

US-09-342-681C-17

Query Match 16.5%; Score 117; DB 4; Length 448;  
Best Local Similarity 42.6%; Pred. No. 1.6e-05;  
Matches 23; Conservative 5; Mismatches 24; Indels 2; Gaps 2;

OY 2 DCOENYWDQRCVTCORCGPQGLSKDCYGEGBDAYCTACPPRSTKAAG 53  
Db 30 NCGENYNTTGLCQRCPPCGPGEPEYLSGTYCTKEDYGCVCPEKPSKGG 83

RESULT 4

US-09-342-681C-19

; Sequence 19, Application US/09342681C  
; Patent No. 6355782

GENERAL INFORMATION:

APPLICANT: Zonana et al.

TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins

FILE REFERENCE: 52978

CURRENT APPLICATION NUMBER: US/09/342,681C

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: 60/092,279

PRIOR FILING DATE: 1998-07-09

PRIOR APPLICATION NUMBER: 60/112,366

PRIOR FILING DATE: 1998-12-15

NUMBER OF SEQ ID NOS: 123

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 19

LENGTH: 448

TYPE: PRT

ORGANISM: Homo sapiens

US-09-342-681C-19

Query Match 16.5%; Score 117; DB 4; Length 448;  
Best Local Similarity 42.6%; Pred. No. 1.6e-05;  
Matches 23; Conservative 5; Mismatches 24; Indels 2; Gaps 2;

OY 2 DCOENYWDQRCVTCORCGPQGLSKDCYGEGBDAYCTACPPRSTKAAG 53  
Db 30 NCGENYNTTGLCQRCPPCGPGEPEYLSGTYCTKEDYGCVCPEKPSKGG 83

RESULT 5

US-09-146-950-4

; Sequence 4, Application US/09146950A  
; Patent No. 6287808

GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED

FILE REFERENCE: 09404/057001

CURRENT APPLICATION NUMBER: US/09/146,950A

PRIOR FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 25

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 4

LENGTH: 155

TYPE: PRT

ORGANISM: Homo sapiens

US-09-146-950-4

Query Match 13.5%; Score 96; DB 4; Length 155;  
Best Local Similarity 28.9%; Pred. No. 0.0012;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENYWDQRCVTCORCGPQGLSKDCYGEGBDAYCTACPPRS---TKAAGATTNV 58  
Db 4 CKDEY-PVQSEC--CPKCSPGYRKACGELTG--TVCEPCPGTYIAHLNGLSKLQ 58

OY 59 RVASPLVLSIVFRFRNCTXTSXAVCG---GXFAQVSN 92  
Db 59 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCTVOD 93

RESULT 6

US-09-146-950-20

; Sequence 20, Application US/09146950A  
; Patent No. 6287808

GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED

FILE REFERENCE: 09404/057001

CURRENT APPLICATION NUMBER: US/09/146,950A

PRIOR FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 25

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 20

LENGTH: 159

TYPE: PRT

ORGANISM: Homo sapiens

US-09-146-950-20

Query Match 13.5%; Score 96; DB 4; Length 159;  
Best Local Similarity 28.9%; Pred. No. 0.0012;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENYWDQRCVTCORCGPQGLSKDCYGEGBDAYCTACPPRS---TKAAGATTNV 58  
Db 4 CKDEY-PVQSEC--CPKCSPGYRKACGELTG--TVCEPCPGTYIAHLNGLSKLQ 58

OY 59 RVASPLVLSIVFRFRNCTXTSXAVCG---GXFAQVSN 92  
Db 59 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCTVOD 93

RESULT 7

US-09-146-950-2

; Sequence 2, Application US/09146950A  
; Patent No. 6287808

GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED

FILE REFERENCE: 09404/057001

CURRENT APPLICATION NUMBER: US/09/146,950A

PRIOR FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 25

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 2

LENGTH: 159

TYPE: PRT

ORGANISM: Homo sapiens

US-09-146-950-2

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FILE REFERENCE: 09404/057001
CURRENT APPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 193
TYPE: PRF
ORGANISM: Homo sapiens
US-09-146-950-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 193;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENYWDQMGRCVTCORCGPQELSKDCGYEGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CREDEY-PVGSBC--CPKSPGYRVEKACGELTG--TVEPCPPGTYYIAHLNGLSKCLQC 96
59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 8
US-09-146-950-18
Sequence 18, Application US/09146950A
Patent No. 6287808
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
FILE REFERENCE: 09404/057001
CURRENT APPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 18
LENGTH: 197
TYPE: PRF
ORGANISM: Homo sapiens
US-09-146-950-18

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 197;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENYWDQMGRCVTCORCGPQELSKDCGYEGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CREDEY-PVGSBC--CPKSPGYRVEKACGELTG--TVEPCPPGTYYIAHLNGLSKCLQC 96
59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 9
US-08-509-024-2
Sequence 2, Application US/08509024B
Patent No. 6291207
GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/08/509,024B
CURRENT FILING DATE: 1995-07-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 283
TYPE: PRF
ORGANISM: Homo sapiens
```

```
US-08-509-024-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 283;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENYWDQMGRCVTCORCGPQELSKDCGYEGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CREDEY-PVGSBC--CPKSPGYRVEKACGELTG--TVEPCPPGTYYIAHLNGLSKCLQC 96
59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 10
US-09-333-279-2
Sequence 2, Application US/09333279
Patent No. 6303336
GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/09/333,279
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 283
TYPE: PRF
ORGANISM: Homo sapiens
US-09-333-279-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 283;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENYWDQMGRCVTCORCGPQELSKDCGYEGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CREDEY-PVGSBC--CPKSPGYRVEKACGELTG--TVEPCPPGTYYIAHLNGLSKCLQC 96
59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 11
US-09-072-993C-2
Sequence 2, Application US/09072993C
Patent No. 6346388
GENERAL INFORMATION:
APPLICANT: Michael R. Brigham-Burke
APPLICANT: Peter R. Young
TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
FILE REFERENCE: GH-50030
CURRENT APPLICATION NUMBER: US/09/072,993C
CURRENT FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/055,513
PRIOR FILING DATE: 1997-08-13
PRIOR APPLICATION NUMBER: 60/056,980
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/057,550
PRIOR FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 283
TYPE: PRF
ORGANISM: HOMO SAPIENS
US-09-072-993C-2
```

Query Match 13.5%; Score 96; DB 4; Length 283;  
Best Local Similarity 28.9%; Pred. No. 0.0024;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENETWDMGRCVTCQRCGPGQELSKDCGYGEGDAYCTACPPRS---TKAAGATTNV 58  
DB 42 CKEDEX-PVGESEC--CPKCSPGYRVKKEACGELTG--TVCEPCPPGTYYIAHLNGLSKLQC 96

QY 59 RVASPVLSIVFRFNCITXSAVCG---GXFAQVSN 92  
DB 97 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCIVOD 131

RESULT 12  
PCT-US96-12374-2  
Sequence 2, Application PC/TUS9612374  
GENERAL INFORMATION:  
APPLICANT: Northwestern University  
TITLE OF INVENTION: Herpes Virus Entry Mediator  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dressler, Goldsmith, Milnamow & Katz, Ltd.  
STREET: 180 N. Stetson, Suite 4700  
CITY: Chicago  
STATE: Illinois  
COUNTRY: U.S.A.  
ZIP: 60601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12374  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Northrup, Thomas E.  
REGISTRATION NUMBER: 33,268  
REFERENCE/DOCKET NUMBER: NOR3446P020PC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 616-5400  
TELEFAX: (312) 616-5460  
TELEX: --  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 283 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-12374-2

Query Match 13.5%; Score 96; DB 5; Length 283;  
Best Local Similarity 28.9%; Pred. No. 0.0024;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENETWDMGRCVTCQRCGPGQELSKDCGYGEGDAYCTACPPRS---TKAAGATTNV 58  
DB 42 CKEDEX-PVGESEC--CPKCSPGYRVKKEACGELTG--TVCEPCPPGTYYIAHLNGLSKLQC 96

QY 59 RVASPVLSIVFRFNCITXSAVCG---GXFAQVSN 92  
DB 97 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCIVOD 131

RESULT 13  
US-08-509-024-7  
Sequence 7, Application US/08509024B  
GENERAL INFORMATION:  
APPLICANT: SPEAR, Patricia G.  
APPLICANT: MONTGOMERY, Rebecca I.  
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN

FILE REFERENCE: 0290-1  
CURRENT APPLICATION NUMBER: US/08/509,024B  
CURRENT FILING DATE: 1995-07-25  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 7  
LENGTH: 419  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-08-509-024-7

Query Match 13.5%; Score 96; DB 4; Length 419;  
Best Local Similarity 28.9%; Pred. No. 0.0039;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENETWDMGRCVTCQRCGPGQELSKDCGYGEGDAYCTACPPRS---TKAAGATTNV 58  
DB 42 CKEDEX-PVGESEC--CPKCSPGYRVKKEACGELTG--TVCEPCPPGTYYIAHLNGLSKLQC 96

QY 59 RVASPVLSIVFRFNCITXSAVCG---GXFAQVSN 92  
DB 97 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCIVOD 131

RESULT 14  
US-09-333-279-7  
Sequence 7, Application US/09333279  
Patent No. 6303336  
GENERAL INFORMATION:  
APPLICANT: SPEAR, Patricia G.  
APPLICANT: MONTGOMERY, Rebecca I.  
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN  
FILE REFERENCE: 0290-1  
CURRENT APPLICATION NUMBER: US/09/333,279  
CURRENT FILING DATE: 1999-06-15  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 7  
LENGTH: 419  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-333-279-7

Query Match 13.5%; Score 96; DB 4; Length 419;  
Best Local Similarity 28.9%; Pred. No. 0.0039;  
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

QY 3 COENETWDMGRCVTCQRCGPGQELSKDCGYGEGDAYCTACPPRS---TKAAGATTNV 58  
DB 42 CKEDEX-PVGESEC--CPKCSPGYRVKKEACGELTG--TVCEPCPPGTYYIAHLNGLSKLQC 96

QY 59 RVASPVLSIVFRFNCITXSAVCG---GXFAQVSN 92  
DB 97 QMCDPAMGLRASR--NCSRTENAVCGSPGHFCIVOD 131

RESULT 15  
US-08-828-683A-18  
Sequence 18, Application US/08828683A  
Patent No. 6469144  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/828,683A
  FILING DATE: 31-Mar-1997
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/625328
  FILING DATE: 1-Apr-1996
  APPLICATION NUMBER: 08/710802
  FILING DATE: 23-Sep-1996
ATTORNEY/AGENT INFORMATION:
  NAME: Marschang, Diane L.
  REGISTRATION NUMBER: 35,600
  REFERENCE/DOCKET NUMBER: P1007P1
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 650/225-5416
  TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 18:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 121 amino acids
    TYPE: Amino Acid
    TOPOLOGY: Linear
  SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-08-828-683A-18

Query Match      13.5%; Score 95.5; DB 4; Length 121;
Best Local Similarity 34.9%; Pred. No. 0.001;
Matches 29; Conservative 5; Mismatches 42; Indels 7; Gaps 4;

OY      3 COENFYMDQMGRCVTCQRCGPGQELSKDCGEGGDATCTACPPRSTKAAGATTVRYAS 62
DB      2 CPERHYWAQKLC--CQMCPEPTFLVKDDQHRKA-AQCDPCIPGVSPSPDHTRPHCES 58
OY      63 --PVLSSIVRRFNCTXTSXAVC 83
DB      59 CRHCNSGLLVR--NCTITANAE 79
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